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TECH CENTER 1600/2900



#32 1624

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/981,206A

DATE: 02/21/2002
TIME: 11:37:04

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02212002\I981206A.raw

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2 <110> APPLICANT: Achilefu, Samuel I.
 3 Rajagopalan, Raghavan
 4 Dorshow, Richard B.
 5 Bugaj, Joseph E.
 7 Mallinckrodt Inc.
 9 <120> TITLE OF INVENTION: Carbocyanine Dyes For Tandem, Photodiagnostic
 10 and Therapeutic Applications
 12 <130> FILE REFERENCE: MRD-74
 14 <140> CURRENT APPLICATION NUMBER: US/09/981,206A
 15 <141> CURRENT FILING DATE: 2001-10-17
 17 <160> NUMBER OF SEQ ID NOS: 8
 19 <170> SOFTWARE: PatentIn Version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 8
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 W-> 27 <221> NAME/KEY: MOD RES
 28 <222> LOCATION: (1)...(8)
 29 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
 30 completely synthesized.
 31 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
 32 intramolecular disulfide bond between two Cys
 33 amino acids. Artificial sequence is completely synthesized.
 34 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
 35 completely synthesized.
 37 <400> SEQUENCE: 1
 W-> 38 Xaa Xaa Tyr Xaa Lys Thr Xaa Thr
 39 1 5
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 8
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 W--> 48 <221> NAME/KEY: MOD RES
 49 <222> LOCATION: (1)...(8)
 50 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
 51 completely synthesized.
 52 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
 53 intramolecular disulfide bond between two Cys
 54 amino acids. Artificial sequence is completely synthesized.
 55 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
 56 completely synthesized.

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57 <223> OTHER INFORMATION: Xaa at location 8 represents Thr-OH. Artificial sequence is
58 completely synthesized.
60 <400> SEQUENCE: /2
W--> 61 Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa
62 1 5
65 <210> SEQ ID NO: 3
66 <211> LENGTH: 11
67 <212> TYPE: PRT
68 <213> ORGANISM: Unknown
70 <220> FEATURE:
W--> 71 <221> NAME/KEY: MOD RES
72 <222> LOCATION: (1)...(11)
73 <223> OTHER INFORMATION: Bombesin analog
75 <400> SEQUENCE: 3
76 Gly Ser Gly Gln Trp Ala Val Gly His Leu Met
77 1 5 10
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 11
82 <212> TYPE: PRT
83 <213> ORGANISM: Unknown
85 <220> FEATURE:
W--> 86 <221> NAME/KEY: MOD RES
87 <222> LOCATION: (1)...(11)
88 <223> OTHER INFORMATION: Bombesin analog
90 <400> SEQUENCE: 4
91 Gly Asp Gly Gln Trp Ala Val Gly His Leu Met
92 1 5 10
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 8
97 <212> TYPE: PRT
98 <213> ORGANISM: Unknown
100 <220> FEATURE:
W--> 101 <221> NAME/KEY: MOD RES
102 <222> LOCATION: (1)...(8)
103 <223> OTHER INFORMATION: Cholecystokinin octapeptide analogs
105 <400> SEQUENCE: 5
106 Asp Tyr Met Gly Trp Met Asp Phe
107 1 5
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 8
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
W--> 116 <221> NAME/KEY: MOD RES
117 <222> LOCATION: (1)...(8)
118 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial
119 sequence is completely synthesized.
121 <400> SEQUENCE: 6
W--> 122 Asp Tyr Xaa Gly Trp Xaa Asp Phe

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Input Set : A:\pto.vsk.txt
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123 1 5
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 8
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
W--> 134 <221> NAME/KEY: MOD RES
135 <222> LOCATION: (1)...(8)
136 <223> OTHER INFORMATION: Xaa at location 1 represents D-Asp. Artificial sequence is
137 completely synthesized.
138 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial
139 sequence is completely synthesized.
141 <400> SEQUENCE: 7
W-> 142 Xaa Tyr Xaa Gly Trp Xaa Asp Phe
143 1 5
146 <210> SEQ ID NO: 8
147 <211> LENGTH: 8
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
W--> 152 <221> NAME/KEY: MOD RES
153 <222> LOCATION: (1)...(8)
154 <223> OTHER INFORMATION: Xaa at location 1 represents D-Lys. Artificial sequence is
155 completely synthesized.
157 <400> SEQUENCE: 8
W-> 158 Xaa Pro Arg Arg Pro Tyr Ile Leu
159 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/981,206A

DATE: 02/21/2002

TIME: 11:37:05

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02212002\I981206A.raw

L:27 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:48 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:71 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:86 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:101 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:116 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:134 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:152 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8